

PATENT NO. 7,598,228
U.S. APPLICATION NO. 10/642,272
ATTORNEY DOCKET NO: 58777.000012

Exhibit B
Transmittal Letter



HUNTON &
WILLIAMS

HUNTON & WILLIAMS LLP
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2025700

03915 US PRO
10/642272
08/18/03

August 18, 2003

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: 58777.000012

First Named Inventor: Fumiuki HATTORI, et al.

Title: THERAPEUTIC METHODS AND AGENTS FOR DISEASES ASSOCIATED WITH DECREASED EXPRESSION OF AOP-1 GENE OR AOP-1

TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

The PTO did not receive the following
listed item(s) 39 PAGES OF
SPECIFICATION BUT 58

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

- Fee Transmittal Form (original and duplicate)
- Small Entity Status Claimed: Independent Inventor
 Small Business Concern
 Non-Profit Organization
- Statement Enclosed
 Statement Filed in Prior Application; Status Still Proper and Desired
 Specification - Total Pages: 59 (Including Abstract)

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	32	20	12	\$ 18.00	\$ 9.00	\$216.00
Independent Claims	8	3	5	\$ 84.00	\$ 42.00	\$420.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$0.00
BASIC FEE				\$ 750.00	\$ 375.00	\$750.00
TOTAL FILING FEE						\$0.00
Assignment Recordation Fee						\$0.00
TOTAL AMOUNT ENCLOSED						\$1,386.00

- Drawings - Total Sheets: 23 (Fig(s). 1-15c)

ATLANTA AUSTIN BANGKOK BRUSSELS CHARLOTTE DALLAS HONG KONG KNOXVILLE
 LONDON MCLEAN MIAMI NEW YORK NORFOLK RALEIGH RICHMOND SINGAPORE WASHINGTON
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5. Oath or Declaration - Total Pages: 3
- a. Newly executed (original or copy)
 New (unexecuted)
- b. Copy from a prior application
(for continuation/divisional with Box 18 completed)
- i. DELETION OF INVENTOR(s):
Signed statement attached deleting inventor(s) named in prior application.
6. Application Data Sheet
7. CD-ROM or CD-R in duplicate, large table or Microfiche Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. CD-ROM or CD-R (two copies); or
- ii. Paper Copy (identical to computer copy)
- c. Statement verifying identity of above copy
9. Assignee/Applicant: DAIICHI SUNTORY PHARMA CO., LTD.
5-7-2, Kojimachi, Chiyoda-ku,
Tokyo 102-0083 JAPAN
- DAIICHI SUNTORY BIOMEDICAL
RESEARCH, LTD.
1-1-1, Wakayamadai, Shimamoto-cho,
Mishima-gun, Osaka, 618-8503 JAPAN

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BOX PATENT APPLICATION

August 18, 2003

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Assignee of Record in Prior Application No. _____ :

recorded on _____ at Reel _____, Frame _____.

10. 37 C.F.R. 3.73(b) Statement Power of Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement with PTO-1449 and References
 Copies of Information Disclosure Statement Citations
13. Preliminary Amendment
14. Return Receipt Postcard
15. Priority is Claimed as Follows:
PCT/JP02/01358 filed on February 18, 2002
Japanese Application No. 41003/2001 filed on February 16, 2001
- If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. Nonpublication Request under 35 U.S.C. § 1222(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.
17. Other: _____
18. Continuation Divisional Continuation-in-Part of
Prior Application No.: PCT/JP02/01358 filed February 18, 2002
- Prior application information: Examiner _____ Group Art Unit _____
- Incorporation By Reference (useable if Box 5b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon

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BOX PATENT APPLICATION

August 18, 2003

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when a portion has been inadvertently omitted from the submitted application papers.

- Complete Application Based on Provisional Application No.: _____ filed _____

19. Please address all correspondence to:

CUSTOMER NUMBER **21967**

Robert M. Schulman
Intellectual Property Department
Hunton & Williams LLP
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109

20. A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

The power of attorney is to: Stanislaus Aksman, Reg. No. 28,562; Jennifer A. Albert, Reg. No. 32,012; Thomas E. Anderson, Reg. No. 37,063; David F. Baker, Reg. No. 42,285; Scott D. Balderston, Reg. No. 35,436; Carl L. Benson, Reg. No. 38,378; Thomas Blasey, Reg. No. 33,475; Bradford Blaise, Reg. No. 47,429; Thomas D. Bradshaw, Reg. No. 51,492; J. Robert Brown, Jr., Reg. No. 45,438; Tyler S. Brown, Reg. No. 36,465; Brian M. Buroker, Reg. No. 39,125; Christopher C. Campbell, Reg. No. 37,291; Katherine S. Chang, Reg. No. 40,544; Robin C. Clark, Reg. No. 40,956; Trevor Q. Coddington, Reg. No. 46,633; Christopher J. Cuneo, Reg. No. 42,450; Ryan S. Davidson, Reg. No. 51,596; Patrick A. Doody, Reg. No. 35,022; Dinnatia J. Doster, Reg. No. 45,268; Kevin T. Duncan, Reg. No. 41,495; Kevin J. Dunleavy, Reg. No. 32,024; David D'Zurilla, Reg. No. 36,776; Ozzie A. Farres, Reg. No. 43,606; Nancy J. Flint, Reg. No. 46,704; Christopher J. Forstner, Reg. No. 46,049; James G. Gatto, Reg. No. 32,694; George Georgellis, Reg. No. 43,632; Charles F. Hollis, III, Reg. No. 40,650; David M. Huntley, Reg. No. 40,309; Nancy J. Jensen, Reg. No. 45,913; Herbert V. Kerner, Reg. No. 42,721; Steven P. Klocinski, Reg. No. 39,251; Robert C. Lampe, III, Reg. No. 51,914; Jonathan D. Link, Reg. No. 41,548; Charles B. Lobsenz, Reg. No. 37,857; Tyler Maddry, Reg. No. 40,074; J. Michael Martinez, Reg. No. 37,178; David H. Milligan, Reg. No. 42,893; James R. Miner, Reg. No. 40,444; Bryan F. Moore, Reg. No. 52,044; Devin S. Morgan, Reg. No. 45,562; Kerry H. Owens, Reg.

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BOX PATENT APPLICATION

August 18, 2003

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No. 37,412; Jeffrey T. Perez, Reg. No. 52,110; Michael P.F. Phelps, Reg. No. 48,654; John P. Pinkerton, Reg. No. 28,746; Laurence H. Posorske, Reg. No. 34,698; Matthew J. Pryor, Reg. No. 45,278; Andrew J. Ririe, Reg. No. 45,597; Stephen T. Schreiner, Reg. No. 43,097; Robert M. Schulman, Reg. No. 31,196; Thomas J. Scott, Jr., Reg. No. 27,836; Yisun Song, Reg. No. 44,487; Shelley L. Spalding, Reg. No. 51,971; Henry C. Su, Reg. No. 37,738; Rodger L. Tate, Reg. No. 27,399; Raphael A. Valencia, Reg. No. 43,216; René Vazquez, Reg. No. 38,647; Samson Vermont, Reg. No. 42,202; Robert J. Ward, Reg. No. 28,746; and Scott F. Yarnell, Reg. No. 45,245.

- Please remove as power of attorney: Scott D. Balderston, Reg. No. 35,436; Thomas Blasey, Reg. No. 33,475; Bradford Blaise, Reg. No. 47,429; Tyler S. Brown, Reg. No. 36,465; Dinnatia J. Doster, Reg. No. 45,268; Kevin J. Dunleavy, Reg. No. 32,024; David D'Zurilla, Reg. No. 36,776; James G. Gatto, Reg. No. 32,694; George Georgellis, Reg. No. 43,632; David M. Huntley, Reg. No. 40,309; Steven P. Klocinski, Reg. No. 39,251; Charles B. Lobsenz, Reg. No. 37,857; Devin S. Morgan, Reg. No. 45,562; Kerry H. Owens, Reg. No. 37,412; Matthew J. Pryor, Reg. No. 45,278; Stuart I. Smith, Reg. No. 42,159; Henry C. Su, Reg. No. 37,738; Raphael A. Valencia, Reg. No. 43,216; and René Vazquez, Reg. No. 38,647.
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BOX PATENT APPLICATION

August 18, 2003

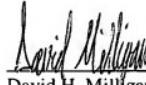
Page 6

Samson Vermont, Reg. No. 42,202; Robert J. Ward, Reg. No. 28,746; and
Scott F. Yarnell, Reg. No. 45,245.

21. A check in the amount of \$ 1,386.00 is enclosed. In the event
any variance exists between the amount enclosed and the Patent Office charges,
please charge or credit any such variance to **Deposit Account No. 50-0206**.
- The U.S. Patent and Trademark Office is hereby authorized to charge any
variance between the amount enclosed and the Patent Office charges to **Deposit
Account No. 50-0206**

Respectfully submitted,

By:



David H. Milligan
Registration No. 42,893

DHM/cbt
Enclosures

FEE TRANSMITTAL

BOX PATENT APPLICATION

Total Amount Of Payment (\$ 1,386.00)

Complete If Known

Application No.	To Be Assigned
Filing Date	August 18, 2003
First Named Inventor	Fumiuki HATTORI
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned

Attorney Docket No. 58777.000012

METHOD OF PAYMENT (check one)

1. The Director of the United States Patent and Trademark Office is hereby authorized to charge indicated fees and credit any over payments to **Deposit Account No. 50-0206** in the name of Hunton & Williams.

2. Check Enclosed. The Director of the United States Patent and Trademark Office is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 50-0206** in the name of Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, D.C. 20006-1109.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description	Fee Paid
<input type="checkbox"/> Surcharge - late filing fee or oath	\$
<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$
<input type="checkbox"/> -Month Extension of Time	\$
<input type="checkbox"/> Notice of Appeal	\$
<input type="checkbox"/> Filing Brief in Support of Appeal	\$
<input type="checkbox"/> Request for Oral Hearing	\$
<input type="checkbox"/> Utility Issue Fee (or Reissue) (including Publication Fee, if necessary)	\$
<input type="checkbox"/> Design Issue Fee	\$
<input type="checkbox"/> Plant Issue Fee	\$
<input type="checkbox"/> Petition to Commissioner	\$
<input type="checkbox"/> Petition to Revive (Unavoidable)	\$
<input type="checkbox"/> Petition to Revive (Unintentional)	\$
<input type="checkbox"/> Petitions Related to Provisional Applications	\$
<input type="checkbox"/> Submission of Information Disclosure Statement	\$
<input type="checkbox"/> Filing Submission After Final Rejection	\$
<input type="checkbox"/> Recording Each Patent Assignment Per Property	\$
<input type="checkbox"/> Filing Request for Reexamination	\$
<input type="checkbox"/> Other (specify) _____	\$

FEE CALCULATION

1. BASIC FILING Large Entity Small Entity

	FEE PAID
Utility Filing Fee	\$ 750.00
Design Filing Fee	\$
Plant Filing Fee	\$
Reissue Filing Fee	\$
Provisional Filing Fee	\$

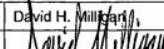
2. EXTRA CLAIMS FEES

CLAIMS AS AMENDED

For	Number Present	Highest Number Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
TOTAL CLAIMS	32	20	12	x \$ 18.00	x \$ 9.00	\$ 216.00
INDEPENDENT CLAIMS	8	3	5	x \$ 84.00	x \$ 42.00	\$420.00
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$.00
TOTAL EXTRA CLAIMS FEES						\$636.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	David H. Milligan	Registration No.	42,893
Signature		Date	August 18, 2003